

# Roof Rack Crossbar Interference With Roof Antenna

**Service Category** Vehicle Exterior

**Section** Exterior Panels/Trim

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2020	Tacoma	VDS(s): AX5GN, AZ5CN, BZ5DN, CZ5AN, DZ5BN, EZ5CN, GZ5AN Body Type(s): Double Cab

## Introduction

Some 2020 model year Tacoma double cab vehicles equipped with a Toyota genuine roof rack may exhibit a condition in which the cross bar interferes with the roof antenna. Follow the Repair Procedure in this bulletin to address this condition.

## Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Tacoma	TMMTX	All	5TFCZ5AN#LX227937
	TMMBC		3TMEZ5CN#LM130706

## Warranty Information

OP CODE	DESCRIPTION	TIME	OPF	T1	T2
BD2001	Remove Roof Rack & Install Roof Moldings	1.8	PT278-35170	9A	57

### APPLICABLE WARRANTY

- This repair is not applicable under the Toyota New Vehicle Limited Warranty.
- Refer to Warranty Procedures Bulletin PRO20-05 for more information and additional claim submission requirements.
- Repair is limited to the occurrence of the specified condition described in this bulletin.

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### Parts Information

PART NUMBER	PART NAME	QTY
62475-04020	Foam Seal	6
75561-02020	Molding Clip	2
75552-04081	Roof Drip Molding LH FR	1
75551-04081	Roof Drip Molding RH FR	1
75554-04020	Roof Drip Molding LH RR	1
75553-04020	Roof Drip Molding RH RR	1

### Required Tools & Equipment

REQUIRED TOOLS & MATERIAL	QUANTITY
T25 Torx Driver	1
T30 Torx Driver	1
Plastic Pry Tool Kit	1
Approved Dealer Body Cleaner (Painted Surface)	1
3M™ 08302 Auto Body Sealant (or Equivalent)	1
3M™ 06388 Double-sided Tape (or Equivalent)	1

### Repair Procedure

- Confirm the condition exists.  
Does the vehicle have a Toyota genuine roof rack and exhibit a condition in which the cross bar interferes with the roof antenna?
  - YES** — Continue to step 2.
  - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

**Figure 1.**



<b>1</b>	<b>Interference Condition</b>
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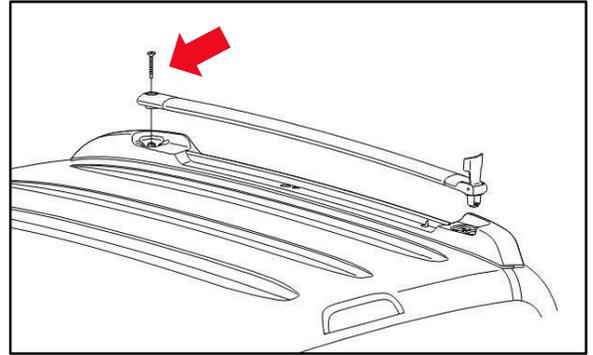
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### Repair Procedure (continued)

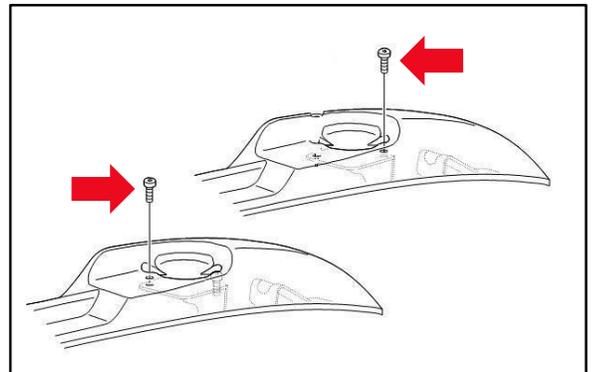
2. Remove the roof rack from the vehicle.
  - A. Remove the cross bar by removing the Torx head pivot bolt with a T25 Torx driver and discard the cross bar. The right-hand side process is shown, repeat the process for the left-hand side.

**Figure 2.**



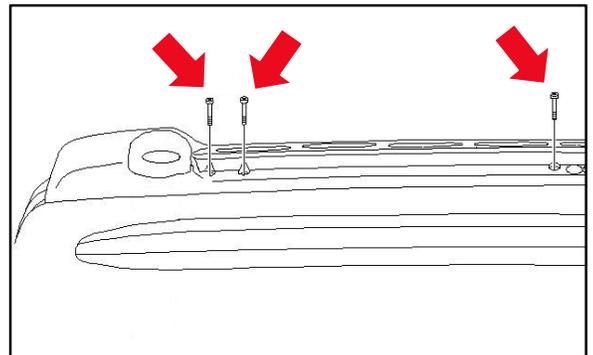
- B. Remove the two wafer head screws with a T25 Torx driver at the front of the side rail and discard the screws. The right-hand side process is shown, repeat the process for the left-hand side.

**Figure 3.**



- C. Remove the three pan head screws using a T30 Torx driver and discard screws. The left-hand side process is shown, repeat the process for the right-hand side.

**Figure 4.**



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### Repair Procedure (continued)

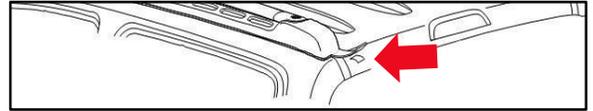
- D. Use a trim removal tool to peel the rear ditch molding strip from the vehicle. The right-hand side process is shown, repeat the process for the left-hand side.
- E. Remove the side rail by pulling it up from the roof and discard side rail. The left-hand side process is shown, repeat the process for the right-hand side.

**NOTE**

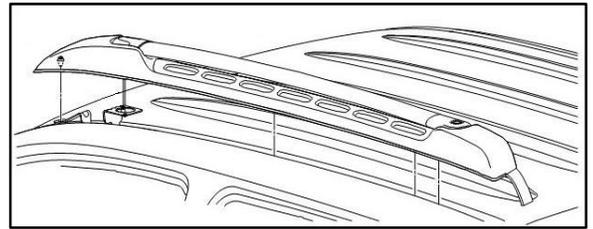
The front of the side rail is attached to the bracket with a clip. Pulling straight up will disengage the clip.

- F. Remove the side roof rack brackets by removing the two button head bolts using a T30 Torx driver and discard the brackets. The right-hand side process is shown, repeat the process for the left-hand side.
- G. If the roof drip molding clip vertical walls have been removed, use a trim removal tool to remove the front molding clips and clip adhesive from the vehicle and discard the clips.

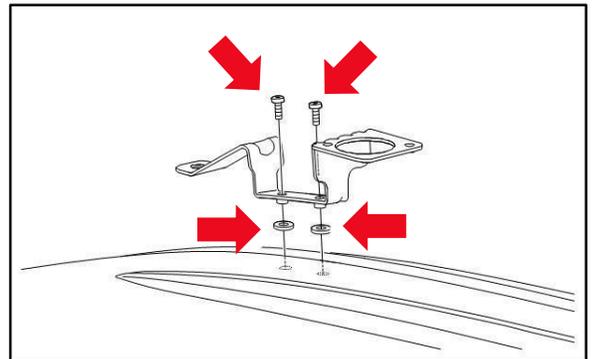
**Figure 5.**



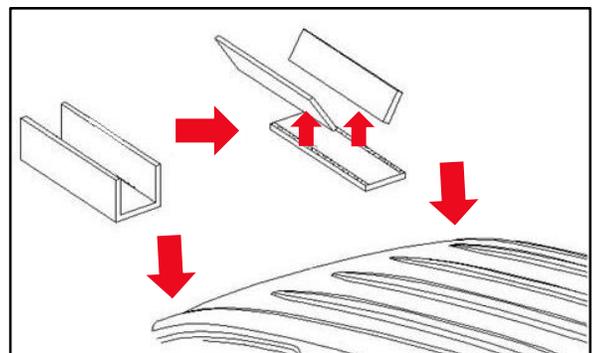
**Figure 6.**



**Figure 7.**



**Figure 8.**

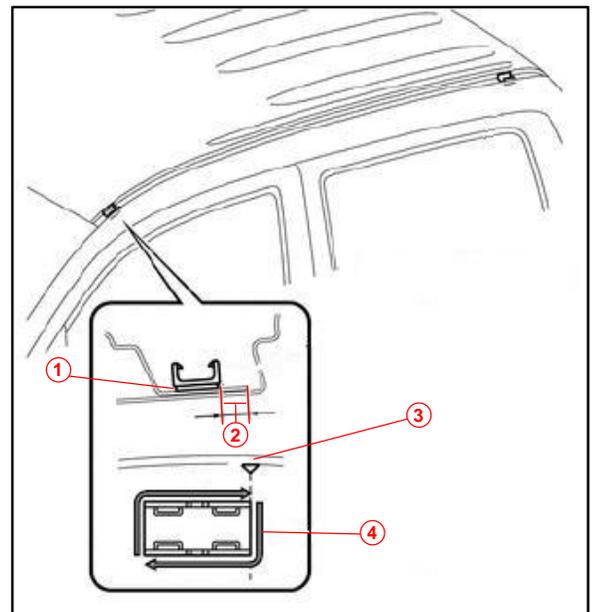


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### Repair Procedure (continued)

3. Install the roof drip molding clips. The left-hand side process is shown below, repeat the process for the right-hand side.
  - A. Using an approved cleaner, clean the area where the roof drip molding clips will be adhered to the roof.
  - B. If present, remove the peeling paper from the face of the roof drip molding clips.
  - C. Install the roof drip molding clips using 3M™ Double-sided Tape (or equivalent). The front position is shown.

**Figure 9.**



<b>1</b>	<b>Double-sided Tape</b>
<b>2</b>	<b>6.2 mm (0.244 in.)</b>
<b>3</b>	<b>Alignment Mark</b>
<b>4</b>	<b>Sealant</b>

- D. Apply 3M™ Autobody Sealant (or equivalent) along the edges of the clips.

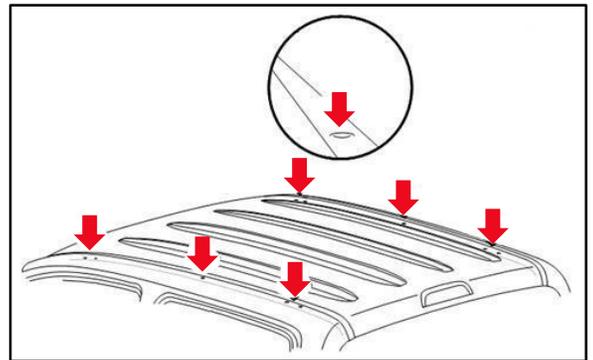
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### Repair Procedure (continued)

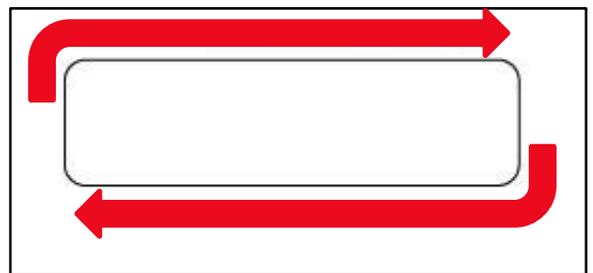
4. Cover the 10-weld nut holes.
  - A. Using an approved cleaner, clean the surface of the punched vehicle seals and roof ditch. Remove ANY silicon and foam gasket residue.
  - B. Place a small amount of 3M™ Autobody Sealant (or equivalent) in the 10-weld nut holes to seal them.
  - C. Use the NEW foam seals to cover the 10-weld nut holes in ALL six locations. Place the NEW seal over the old seal.

**Figure 10.**



- D. Apply 3M™ Autobody Sealant (or equivalent) along the edges of the foam seal AFTER installed to the roof ditch and ensure ALL exposed edges of the seal are covered with sealant.

**Figure 11.**



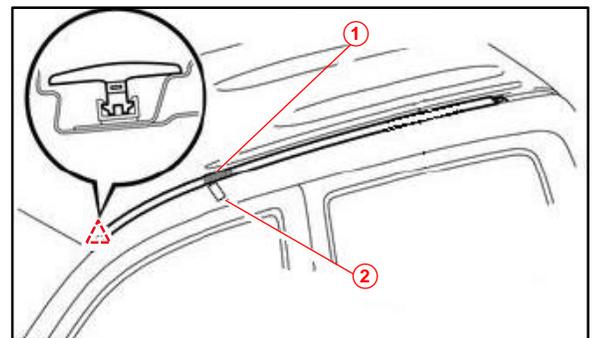
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### Repair Procedure (continued)

5. Install the front roof drip molding on the vehicle. The left-hand side process is shown below, repeat the process for the right-hand side.
  - A. Clean the vehicle body surface.
    - (1) Remove any double-sided tape residue from the vehicle body.
    - (2) Using an approved cleaner, wipe off ANY remaining tape residue and ensure the vehicle body surface is free of dirt or debris.
  - B. Remove the peeling paper from the face of the front roof drip molding.
  - C. Engage the front roof drip molding to the front attachment clip.
  - D. Starting at the front of the molding, press into the roof ditch evenly along the top surface and assure it is properly seated. Multiple passes of pressure along the entire molding may be needed to ensure the tape is adhered and it is correctly seated in the roof ditch.

**Figure 12.**



	Front Attachment Clip
<b>1</b>	Adhesive
<b>2</b>	Peeling Paper

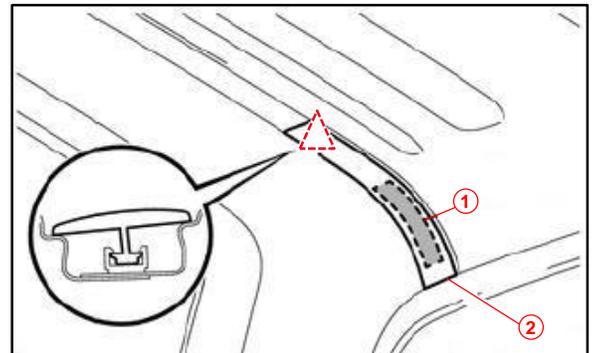
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### Repair Procedure (continued)

6. Install the rear roof finish molding on the vehicle. The left-hand side process is shown below, repeat the process for the right-hand side.
  - A. Clean the vehicle body surface.
    - (1) Remove any double-sided tape residue from the vehicle body.
    - (2) Using an approved cleaner, wipe off ANY remaining tape residue and ensure that the vehicle body surface is free of dirt or debris.
  - B. Remove the peeling paper from the face of the rear roof finish molding.
  - C. Attach the rear roof finish molding to the rear attachment clip.
  - D. Tuck the rear bottom edge under the rear window molding, then press evenly along the top surface to ensure good tape adhesion to the body surface.

**Figure 13.**



△	Rear Attachment Clip
1	Adhesive
2	Peeling Paper

7. Visually confirm the repair is complete.